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DATE MAILED: 09/15/2006

PPLICATION N	0.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/659,464	•	09/09/2003	Kung-Li Deng	134239	4724
6147	7590	09/15/2006		EXAMINER	
		CTRIC COMPANY	VARGOT, MATHIEU D		
GLOBAL RESEARCH PATENT DOCKET RM. BLDG. K1-4A59				ART UNIT	PAPER NUMBER
NISKAY	UNA, NY	7 12309		1732	,

Please find below and/or attached an Office communication concerning this application or proceeding.

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		Application No.	Applicant(s)						
	Office Action Community	10/659,464	DENG ET AL.	•					
	Office Action Summary	Examiner	Art Unit						
		Mathieu D. Vargot	1732						
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply									
WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DANSIONS of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. O period for reply is specified above, the maximum statutory period we are to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tin vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this commu						
Status	·								
1)⊠	Responsive to communication(s) filed on 10 Ju	<u></u>							
2a) <u></u>	This action is <b>FINAL</b> . 2b) This action is non-final.								
3)[	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is								
	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.								
Dispositi	ion of Claims								
5)□ 6)⊠ 7)□	Claim(s) 2-23 is/are pending in the application. 4a) Of the above claim(s) is/are withdraw Claim(s) is/are allowed.  Claim(s) 2-23 is/are rejected.  Claim(s) is/are objected to.  Claim(s) are subject to restriction and/or	vn from consideration.							
Applicati	on Papers								
10)	The specification is objected to by the Examiner The drawing(s) filed on is/are: a) acce Applicant may not request that any objection to the o Replacement drawing sheet(s) including the correcti The oath or declaration is objected to by the Examiner	epted or b) objected to by the Edrawing(s) be held in abeyance. See on is required if the drawing(s) is obj	e 37 CFR 1.85(a). jected to. See 37 CFR 1.						
Priority L	ınder 35 U.S.C. § 119								
<ul> <li>12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</li> <li>a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority documents have been received.</li> <li>2. Certified copies of the priority documents have been received in Application No.</li> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> <li>* See the attached detailed Office action for a list of the certified copies not received.</li> </ul>									
Attachment	t(s)	·							
1) D Notice	e of References Cited (PTO-892)	4) Interview Summary							
3) 🔲 Inform	e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO/SB/08) r No(s)/Mail Date	Paper No(s)/Mail Da 5) Notice of Informal Pa 6) Other:							

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1.Upon reconsideration, the indication of allowable subject matter concerning claims 13 and 19 has been rescinded and an action hereby follows on all the claims.

- 2.The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 2-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over either of Suzuki et in view of Mikami et al and the article to Hirose et al entitled "Optical Solder Effects of Self-Written Waveguides in Optical Circuit Devices Coupling" or Mikami et al in view of Suzuki et al and the article to Hirose et al.

Mikami et al and Suzuki et al are essentially applied for reasons of record, the references failing to teach using a splitter such that writing light (ie, the UV) is sent through a first path to expose the waveguide and a signal light source (ie, the 850 nm to PD) is sent through a second path to be monitored and allow an evaluation of the signal light. Hence, it is respectfully submitted that the article to Hirose et al teaches whatever was found to be lacking in Mikami et al and Suzuki et al concerning the use of a splitter as one of the optical elements.

3.Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

While applicant's amendment presents claims in independent form which had been indicated as allowable, upon reconsideration and careful review of the article to Hirose

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et al, it is now believed that these claims would not be patentable. Clearly, Hirose et al envisions using a splitter/recombiner device to polymerize paths in "self-written" waveguides and evaluate the performance of the signal light.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mathieu D. Vargot whose telephone number is 571 272-1211. The examiner can normally be reached on Mon-Fri from 9 to 6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christina Johnson, can be reached on 571 272-1176. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

M. Vargot September 12, 2006 Mathieu D. Vargot Primary Examiner Art Unit 1732

4. Vagot

9/12/06